

Amendments to the Claims:

The text of all pending claims, (including withdrawn claims) is set forth below. Canceled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striethrough~~. The status of each claim is indicated with one of (original), (currently amended), (canceled), (withdrawn), (new), (previously presented), or (not entered).

Applicant reserves the right to pursue any canceled claims at a later date.

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-16 (canceled)

17. (currently amended) A method for detecting a malicious call, comprising:

receiving, by a signaling unit, a first call request of a calling terminal, ~~the first call request in accordance with a protocol define for data transmission in a data packet transmission network;~~

sending a second call request from the signaling unit to a called terminal device, the called terminal device operates according to a session initiation protocol~~the first call request in accordance with a protocol define for data transmission in a data packet transmission network;~~

enabling a data transmission between the calling and called terminal ~~devices~~device;

transmitting user data between the calling terminal device and the called terminal device;

receiving a detection request in order to detect the malicious call of the calling terminal, the detection request initiated by a user of the called terminal and formed according to the session initiation protocol;

noting, by the signaling unit, an identifier for the calling terminal device; and

storing the identifier permanently in a memory unit after receiving the detection request;

wherein the called terminal device is a terminal device in a data packet transmission network, and

wherein the signaling unit performs signaling between the signaling unit and the called terminal device in accordance with a signaling the session initiation protocol~~which has been defined for data transmission in a data packet transmission network.~~

18. (previously presented) The method according to Claim 17, wherein the detection request is sent to the signaling unit from the called terminal device during the data transmission or in conjunction with the signaling relating to the data transmission and the signaling unit notes the identifier on the basis of the detection request and that the detection request is transmitted with a message and/or an information element which has been defined for the signaling in the data packet transmission network.

19. (previously presented) The method according to Claim 17, wherein an identifier is stored for the called terminal device, and upon arrival of the call request, a check is performed by the signaling unit as to whether the identifier of the terminal device to be called has been stored and that the identifier of the calling terminal device is noted when the identifier of the terminal device to be called has been stored.

20. (previously presented) The method according to Claim 17, wherein the identifier of the calling terminal device is conveyed to the signaling unit in conjunction with the call request.

21. (previously presented) The method according to Claim 17, wherein the calling terminal device is a terminal device in a circuit-switched data transmission network.

22. (currently amended) The method according to Claim ~~17~~21, wherein the identifier of the calling terminal device is requested as a result of the detection request by the signaling unit by way of a network transition unit to the circuit-switched data transmission network with the aid of an identifier request.

23. (currently amended) The method according to Claim ~~17~~21, wherein in order to process the identifier request in the circuit-switched data transmission network a ITU-T standard Q.731 method is used.

24. (previously presented) The method according to Claim 17, wherein the identifier request is transmitted in accordance with at least one of the standards Q.1902.1 to Q.1902.6 and/or according to SIP-T.

25. (previously presented) The method according to Claim 17, wherein the calling terminal device is a terminal device in a data packet transmission network and that the signaling unit or another signaling unit checks the access authorization of the calling terminal device for the data packet transmission network.

26. (canceled)

27. (previously presented) The method according to Claim 17, wherein the detection request is transmitted in an INFO message using the INFO method according to RFC 2976, and that a header section of the INFO message or a body section of the INFO message contains an information element which serves to uniquely identify the detection request.

28. (canceled)

29. (canceled)

30. (canceled)

31. (previously presented) The method according to Claim 17, wherein in addition to the identifier of the calling terminal device the identifier of the called terminal device is noted.

32. (previously presented) The method according to Claim 17, wherein in the case of a call diversion the identifiers of all terminal devices involved in the call diversion are noted.

33. (previously presented) The method according to Claim 17, wherein the date is noted.

34. (previously presented) The method according to Claim 17, wherein the time is noted.

35. (previously presented) The method according to Claim 17, wherein at least one identifier for the signaling units involved in the call processing is noted.

36. (previously presented) The method according to Claim 17, wherein the identifiers that are relevant to the transmission of the user data by way of the data packet transmission network are stored.

37. (currently amended) A session initiation protocol terminal device for detecting electronic calls, comprising:

a connection unit for connecting the session initiation protocol terminal device to a data packet transmission network; and

a control unit containing a function that generates a detection request automatically at the instigation of a person operating the session initiation protocol terminal device, the detection request generated according to a session initiation protocol and subsequently sent to a signaling unit, and when ~~this~~ the detection request is processed the signaling unit notes an identifier of a terminal device calling the terminal device ~~and the control unit sends requests to a signaling unit,~~

wherein the detection request is in order to detect a malicious call from the terminal device calling the terminal device.

38. (currently amended) The terminal device according to Claim 37, wherein the detection request is generated in an INFO message using the INFO method according to RFC 2976, and that a header section of the INFO message or a body section of the INFO message contains an information element which serves to uniquely identify the detection request~~terminal device contains at least one further unit or function, during whose operation a method step relating to the called terminal device is performed, comprising:~~

~~sending a call request from a calling terminal device by way of a signaling unit to a called terminal device;~~

~~enabling a data transmission between the terminal devices;~~

~~transmitting user data is transmitted between the calling terminal device and the called terminal device;~~

~~noting an identifier by the signaling unit for the calling terminal device;~~

~~storing the identifier noted by the signaling unit permanently in a memory unit; and~~

~~initiating the storage of the identifier or outputs the identifier on an output unit,~~

~~wherein the called terminal device is a terminal device in a data packet transmission network, and that the signaling unit performs signaling in accordance with a signaling protocol which has been defined for data transmission in a data packet transmission network.~~

39. (currently amended) A signaling unit for detecting electronic calls, comprising:  
a control unit that signals and provides a function that automatically notes an identifier of a terminal device calling the called terminal device; and  
~~a signaling protocol that has been defined for a data transmission in a data packet transmission network~~  
a session initiation protocol used to provide signaling between the signaling unit and the called terminal device, and  
a detection request message from the called terminal device, the message indicating that the call from the calling terminal device is a malicious call, the detection request formed according to a session initiation protocol.

40.- 41. (canceled)

42. (new) The method according to Claim 17, wherein the first call request, received by the signaling unit, is in accordance with the session initiation protocol.